| | Application/Control No. | Applicant(s)/Patent Under Reexamination |
|-----------------|-------------------------|---|
| Index of Claims | 10587678 | UHRICH ET AL. |
| *1058767 | Examiner | Art Unit |
| 1030707 | Kevin S Orwig | 1611 |
| 8* | | |
| O | | |

| ✓ | Rejected |
|---|----------|
| = | Allowed |

| - | Cancelled |
|---|------------|
| ÷ | Restricted |

| Z | Non-Elected |
|---|--------------|
| 1 | Interference |

| A | Appeal |
|---|----------|
| 0 | Objected |

| CLAIM | | CLAIM DATE | | | | | | | | |
|-------|----------|--|------------|------------|------------|------|--------------|---|---|--|
| Final | | 00/11/0000 | 11/00/0000 | 07/09/0040 | 12/09/2010 | DATE | | | | T |
| rınal | Original | - | | | | | | | | |
| | 1 | ✓ | √ | √ | √ | | | | | ļ |
| | 2 | ✓ | ✓ | ✓ | ✓ | | | | | <u> </u> |
| | 3 | - | • | • | - | | | | | |
| | 4 | <u> </u> | - | - | - | | | | | |
| | 5 | - | - | • | - | | | | | |
| | 6 | - | - | - | - | | | | | |
| | 7 | - | - | - | - | | | | | |
| | 8 | ✓ | ✓ | ✓ | ✓ | | | | | |
| | 9 | ✓ | ✓ | ✓ | ✓ | | | | | |
| | 10 | ✓ | ✓ | ✓ | ✓ | | | | | |
| | 11 | ✓ | ✓ | √ | ~ | | | | | |
| | 12 | ✓ | ✓ | √ | ✓ | | | | | |
| | 13 | ✓ | ✓ | √ | ✓ | | | | | |
| | 14 | √ | ✓ | √ | ✓ | | | | | |
| | 15 | √ | ✓ | √ | ✓ | | | | | |
| - | 16 | √ | ✓ | √ | V | | | | | <u> </u> |
| | 17 | √ | ✓ | √ | √ | | | | | |
| | 18 | √ | √ | | √ | | | | | |
| | 19 | √ | √ | ✓ | √ | | | | | |
| | 20 | √ | ✓ | √ | √ | | | | | |
| | 21 | √ | ✓ | √ | √ | | | | | |
| | 22 | √ | √ | √ | √ | | - | - | | |
| | 23 | √ | ✓ | ✓ | √ | | | | | |
| | 24 | | - | - | - | | | | | |
| | 25 | - | _ | _ | _ | | | | | |
| | 26 | | _ | _ | _ | | | | | |
| | 27 | - | _ | _ | - | | | | | |
| | 28 | - | _ | <u>-</u> | - | | | | | |
| | 29 | | - | - | - | | | | | |
| | 30 | - | - | - | - | | | | | |
| | | 1 | | | | | | | | |
| | 31 | - | - | - | - | | | | | |
| | 32 | <u> </u> | - | - | - | | | | | <u> </u> |
| | 33 | - | - | - | - | | I | | 1 | |

| | Application/Control No. | Applicant(s)/Patent Under Reexamination |
|-----------------|-------------------------|---|
| Index of Claims | 10587678 | UHRICH ET AL. |
| *1058767 | Examiner | Art Unit |
| 1036767 | Kevin S Orwig | 1611 |
| 8* | | |
| | | |

| ✓ | Rejected |
|----------|----------|
| = | Allowed |

| - | Cancelled |
|---|------------|
| ÷ | Restricted |

| N | Non-Elected |
|---|--------------|
| ı | Interference |

| Α | Appeal |
|---|----------|
| 0 | Objected |

| CLA | ΔIM | | | | | DATE | | | |
|-------|----------|--|------------|------------|------------|------|-------------|----------|---|
| | | 00/44/0000 | 44/00/0000 | 07/28/2010 | 10/00/0010 | DAIL | - | | T |
| Final | Original | | | | | | | | |
| | 34 | - | - | • | - | | | <u> </u> | - |
| | 35 | • | - | • | • | | | | - |
| | 36 | • | • | • | • | | | | |
| | 37 | | • | • | • | | | | |
| | 38 | • | - | • | - | | | | |
| | 39 | | - | - | - | | | | |
| | 40 | • | • | • | - | | | | |
| | 41 | • | • | • | • | | | | |
| | 42 | • | • | • | | | | | |
| | 43 | - | • | - | - | | | | |
| | 44 | • | • | • | | | | | |
| | 45 | • | • | - | - | | | | |
| | 46 | - | - | - | - | | | | |
| | 47 | - | - | - | - | | | | |
| | 48 | | • | • | | | | | |
| | 49 | - | - | - | - | | | | |
| | 50 | | • | • | | | | | |
| | 51 | · | - | • | | | | | |
| | 52 | - | - | _ | - | | | | - |
| | 53 | - | - | - | - | | | | |
| | 54 | - | _ | _ | _ | | | | |
| | 55 | | • | • | | | <u></u> | | - |
| | 56 | - | - | - | - | | | | |
| | 57 | - | - | _ | - | | | | |
| | 58 | _ | _ | _ | _ | | | | |
| | 59 | _ | _ | _ | - | | | | |
| | 60 | _ | _ | _ | - | | | | |
| | 61 | - | _ | _ | - | | | | |
| | 62 | - | - | - | - | | | | |
| | 63 | + | | | | | | | |
| | | - | - | - | - | | | | |
| | 64 65 | - | - | - | - | | | | ļ |

| | Application/Control No. | Applicant(s)/Patent Under Reexamination |
|-----------------|-------------------------|---|
| Index of Claims | 10587678 | UHRICH ET AL. |
| *1058767 | Examiner | Art Unit |
| 1030707 | Kevin S Orwig | 1611 |
| 8* | | |
| O | | |

| ✓ | Rejected |
|---|----------|
| = | Allowed |

| - | Cancelled |
|---|------------|
| ÷ | Restricted |

| N | Non-Elected |
|---|--------------|
| ı | Interference |

| A | Appeal |
|---|----------|
| 0 | Objected |

| CLAIM | | LAIM DATE | | | | | | | |
|---------|----------|---|------------|------------|------------|--|---|------|--|
| Final | Original | 02/11/2009 | 11/09/2009 | 07/28/2010 | 12/09/2010 | | | | Τ |
| III CAI | 67 | - | - | - | - | | | | |
| | 68 | | • | • | | | | | |
| | 69 | . | | • | | | | | |
| | 70 | | | | | | | | |
| | 71 | | - | | | | | | + |
| | 72 | | - | | | | | | |
| | 72 | | - | - | | | | | |
| | 74 | | | | | | | | <u> </u> |
| | | - | | | - | | | | |
| | 75 76 | + | <u> </u> | | | | | | |
| | 76 | • | • | • | - | | | | |
| | 77 | • | • | • | - | | | | - |
| | 78 | · · | - | • | • | | | | - |
| | 79 | - | - | - | - | | | | |
| | 80 | • | • | • | - | | | | |
| | 81 | · · | · | • | - | | | | |
| | 82 | - | - | - | - | | | | |
| | 83 | · . | • | • | - | | | | |
| | 84 | | • | • | - | | | | |
| | 85 | - | - | - | - | | | | |
| | 86 | - | - | - | - | | | | |
| | 87 | - | - | _ | - | | | | |
| | 88 | N | N | N | N | | | | |
| | 89 | - | - | - | - | | | | |
| | 90 | - | - | - | - | | | | |
| | 91 | - | - | - | - | | | | |
| | 92 | - | - | - | - | | | | |
| | 93 | - | - | - | - | | | | |
| | 94 | - | - | - | - | | | | |
| | 95 | - | - | - | - | | | | |
| | 96 | - | - | - | - | | | | |
| | 97 | - | - | - | - | | | | † |
| | 98 | - | - | - | - | | 1 | | |

| | Application/Control No. | Applicant(s)/Patent Under Reexamination |
|-----------------|-------------------------|---|
| Index of Claims | 10587678 | UHRICH ET AL. |
| *1058767 | Examiner | Art Unit |
| 1036767 | Kevin S Orwig | 1611 |
| 8* | | |
| J | | |

| ✓ | Rejected |
|---|----------|
| = | Allowed |

| • | Cancelled |
|---|------------|
| ÷ | Restricted |

| N | Non-Elected |
|---|--------------|
| ı | Interference |

| Α | Appeal |
|---|----------|
| 0 | Objected |

| CLA | AIM | DATE | | | | | | | |
|-------|----------|----------------|------------|------------|------------|---|----------|--|--|
| Final | Original | 02/11/2009 | 11/09/2009 | 07/28/2010 | 12/09/2010 | | <u> </u> | | |
| 11101 | 100 | - | - | - | - | | | | |
| | 101 | . | - | • | | | | | |
| | 102 | . | | | | | | | |
| | 103 | | | • | | | | | |
| | 104 | | - | - | | | | | |
| | 105 | | - | - | | | | | |
| | 106 | | • | • | | | | | |
| | 107 | | - | - | | | | | |
| | 108 | | | - | | | | | |
| | 109 | - | - | - | - | | | | |
| | 110 | - | - | • | | | | | |
| | 111 | | | - | | | | | |
| | 112 | - | - | - | - | | | | |
| | 113 | | - | - | - | | | | |
| | 114 | | • | • | | | | | |
| | 115 | - | - | - | - | | | | |
| | 116 | | - | - | | | | | |
| | 117 | | • | - | | _ | | | |
| | 118 | - | - | - | - | | | | |
| | 119 | - | - | - | - | | | | |
| | 120 | - | - | - | - | | | | |
| | 121 | | • | • | | | | | |
| | 122 | - | - | - | - | | | | |
| | 123 | - | - | - | - | | | | |
| | 124 | - | - | - | - | | | | |
| | 125 | - | - | - | - | | | | |
| | 126 | - | - | - | - | | | | |
| | 127 | - | - | - | - | | | | |
| | 128 | - | - | - | - | | | | |
| | 129 | - | - | - | - | | | | |
| | 130 | - | - | - | - | | | | |
| | 131 | - | - | - | - | | | | |

| | Application/Control No. | Applicant(s)/Patent Under Reexamination |
|-----------------|-------------------------|---|
| Index of Claims | 10587678 | UHRICH ET AL. |
| *1058767 | Examiner | Art Unit |
| 1036767 | Kevin S Orwig | 1611 |
| 8* | | |
| J | | |

| ✓ | Rejected |
|---|----------|
| = | Allowed |

| - | Cancelled |
|---|------------|
| ÷ | Restricted |

| 2 | Non-Elected |
|---|--------------|
| ı | Interference |

| Α | Appeal |
|---|----------|
| 0 | Objected |

| Claims | renumbered | in the same | order as pr | esented by a | applicant | | ☐ CPA | □ T.E | , U | R.1.47 |
|--------|------------|-------------|-------------|--------------|------------|------|-------|-------|-----|--------|
| CL | AIM | | | | | DATE | | | | |
| Final | Original | 02/11/2009 | 11/09/2009 | 07/28/2010 | 12/09/2010 | | | | | |
| | 133 | • | • | - | • | | | | | |
| | 134 | • | • | | • | | | | | |
| | 135 | • | • | • | • | - | | | | |
| | 136 | • | - | - | • | | | | | |
| | 137 | | - | - | - | | | | | |
| | 138 | - | - | - | - | | | | | |
| | 139 | - | - | - | - | | | | | |
| | 140 | - | | | | | | | | |
| | 141 | - | • | | | | | | | |
| | 142 | - | • | - | - | | | | | |
| | 143 | - | • | - | - | | | | | |
| | 144 | | - | • | | | | | | |
| | 145 | - | - | | - | | | | | |
| | 146 | - | - | | - | | | | | |
| | 147 | - | - | | - | | | | | |
| | 148 | - | - | - | - | | | | | |
| | 149 | - | - | - | - | | | | | |
| | 150 | - | | | | | | | | |
| | 151 | - | - | _ | - | | | | | |
| | 152 | - | - | - | - | | | | | |
| | 153 | - | - | - | _ | | | | | |
| | 154 | | | | | | | | | † |
| | 155 | - | - | - | - | | | | | 1 |
| | 156 | - | - | - | - | | | | | 1 |
| | 157 | - | - | - | _ | | | | | 1 |
| | 158 | - | - | - | - | | | | | 1 |
| | 159 | - | - | - | - | | | | | 1 |
| | 160 | _ | - | - | - | | | | | 1 |
| | 161 | _ | - | _ | - | | | | | 1 |
| | 162 | _ | _ | _ | - | | | | | 1 |
| | 163 | _ | - | _ | - | | | | | 1 |
| | 164 | - | - | _ | - | | | | | |
| | 165 | _ | _ | _ | - | | | | | + |

| | Application/Control No. | Applicant(s)/Patent Under Reexamination |
|-----------------|-------------------------|---|
| Index of Claims | 10587678 | UHRICH ET AL. |
| *1058767 | Examiner | Art Unit |
| 1036767 | Kevin S Orwig | 1611 |
| 8* | | |
| O | | |

| ✓ | Rejected |
|----------|----------|
| = | Allowed |

| - | Cancelled |
|---|------------|
| ÷ | Restricted |

| N | Non-Elected |
|---|--------------|
| 1 | Interference |

| Α | Appeal |
|---|----------|
| 0 | Objected |

| CLAIM | | M DATE | | | | | | | |
|--------|--------------|------------|------------|------------|-------------|------|----------|---|----------|
| Final | Original | 02/11/2000 | 11/00/2000 | 07/29/2010 | 12/09/2010 | DAIL | <u> </u> | | 1 |
| Tiriai | - | | | | | | | | |
| | 166 | - | - | • | - | | <u> </u> | | 1 |
| | 167 | - | - | • | - | | | | - |
| | 168 | • | • | • | • | | | | |
| | 169 | • | - | • | | | | | |
| | 170 | - | - | - | - | | | | |
| | 171 | • | • | • | - | | | | |
| | 172 | • | - | • | - | | | | |
| | 173 | - | - | - | - | | | | |
| | 174 | | • | • | | | | | |
| | 175 | | • | • | | | | | |
| | 176 | • | • | • | - | | | | |
| | 177 | - | - | | - | | | | |
| | 178 | | - | • | - | | | | |
| | 179 | | - | - | - | | | | |
| | 180 | | • | - | | | | | |
| | 181 | - | - | - | - | | | | |
| | 182 | | | - | - | | | | |
| | 183 | | • | - | - | _ | | | |
| | 184 | - | - | - | - | | | | |
| | 185 | - | - | - | - | | | | |
| | 186 | - | - | - | - | | | | |
| | 187 | | - | • | | - | - | - | |
| | 188 | - | - | - | - | | | | |
| | 189 | - | - | - | - | | | | |
| | 190 | - | - | - | - | | | | |
| | 191 | _ | - | _ | - | | | | |
| | 192 | - | - | _ | - | | | | |
| | 193 | _ | - | _ | - | | | | |
| | 194 | - | - | _ | _ | | | | |
| | 195 | <u> </u> | - | - | _ | | | | |
| | 196 | - | - | - | - | | | | |
| | 196 | - | - | - | - | | ļ | | <u> </u> |

| | Application/Control No. | Applicant(s)/Patent Under Reexamination |
|-----------------|-------------------------|---|
| Index of Claims | 10587678 | UHRICH ET AL. |
| *1058767 | Examiner | Art Unit |
| 1036767 | Kevin S Orwig | 1611 |
| 8* | | |
| J | | |

| ✓ | Rejected |
|---|----------|
| = | Allowed |

| - | Cancelled |
|---|------------|
| ÷ | Restricted |

| Z | Non-Elected |
|---|--------------|
| 1 | Interference |

| Α | Appeal |
|---|----------|
| 0 | Objected |

| CLA | MIZ | | | | | DATE | | | |
|-------|----------|--|------------|------------|--|------|----------|----------|---|
| Final | Original | 02/11/2000 | 11/00/2000 | 07/28/2010 | 12/09/2010 | DAIL | <u> </u> | <u> </u> | 1 |
| IIIai | 199 | - | - | - | - | | | | |
| | 200 | | - | | | | | | |
| | 200 | | | | | | | | ļ |
| | + | - | | | - | | | | |
| | 202 | + | | - | • | | | | |
| | 203 | - | - | | - | | | | |
| | 204 | • | - | - | - | | | | |
| | 205 | • | • | • | - | | | | |
| | 206 | • | - | - | • | | | | |
| | 207 | | • | • | . | | | | |
| | 208 | | • | • | - | | | | |
| | 209 | | • | • | - | | | | |
| | 210 | - | - | · . | | | | | |
| | 211 | | - | - | - | | | | |
| | 212 | • | - | - | - | | | | |
| | 213 | | | | <u> </u> | | | | |
| | 214 | - | - | - | - | | | | |
| | 215 | | • | | - | | | | |
| | 216 | • | - | - | - | | | | |
| | 217 | - | - | - | - 1 | | | | |
| | 218 | - | - | - | - | | | | |
| | 219 | - | - | - | - | | | | |
| | 220 | | - | | - 1 | | | | |
| | 221 | - | - | - | - | | | | |
| | 222 | - | - | - | - 1 | | | | |
| | 223 | - | - | _ | - | | | | |
| | 224 | - | - | - | - | | | | |
| | 225 | - | - | - | - | | | | |
| | 226 | - | - | - | - | | | | |
| | 227 | - | - | - | - | | | | |
| | 228 | _ | _ | _ | - | | | | |
| | 229 | | _ | _ | _ | | | | |
| | 230 | - | - | _ | _ | | | | - |

| | Application/Control No. | Applicant(s)/Patent Under Reexamination |
|-----------------|-------------------------|---|
| Index of Claims | 10587678 | UHRICH ET AL. |
| *1058767 | Examiner | Art Unit |
| 1030707 | Kevin S Orwig | 1611 |
| Ω* | | |
| O | | |

| ✓ | Rejected |
|---|----------|
| = | Allowed |

| - | Cancelled |
|---|------------|
| ÷ | Restricted |

| N | Non-Elected |
|---|--------------|
| 1 | Interference |

| Α | Appeal |
|---|----------|
| 0 | Objected |

| Claims renumbered in the same order as presented by applicant | | | | | | | ☐ CPA | ☐ T.D | . 🗆 | R.1.47 |
|---|----------|------------|------------|------------|------------|------|-------|-------|-----|--------|
| CL | AIM | | | | | DATE | | | | |
| Final | Original | 02/11/2009 | 11/09/2009 | 07/28/2010 | 12/09/2010 | | | | | |
| | 232 | - | - | - | - | | | | | |
| | 233 | - | - | • | - | | | | | |
| | 234 | • | - | • | - | | | - | | |
| | 235 | - | - | - | - | | | | | |
| | 236 | - | - | - | - | | | | | |
| | 237 | - | - | - | - | | | | | |
| | 238 | - | - | - | - | | | | | |
| | 239 | | - | - | - | | | | | |
| | 240 | √ | ✓ | ✓ | ✓ | | | | | |
| | 241 | √ | ✓ | √ | √ | | | | | |

U.S. Patent and Trademark Office Part of Paper No.: 20101209